Form PTO-1449 (Modified)

Atty. Docket No. Serial No. 30844/30003A 10/590,546

Applicant(s)
Zieler et al.

Filing Date Art Unit July 13, 2007 1645

INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

GIRA			U.S. PAIENI	DOCUMENTS		-	
Examiner Initials	Doc. ID Number	Document Number	Issue or Publication Date	Name	Class	Sub class	Filing Date (If Appropriate)
		4,889,806	12-26-1989	Olson et al.			
		5,270,201	12-14-1993	Richards et al.			
		5,288,625	02-22-1994	Hadlaczky			
		5,316,931	05-31-1994	Donson et al.			**
		5,491,076	02-13-1996	Carrington et al.			
		5,530,187	06-25-1996	Lamb et al.			
		5,589,379	12-31-1996	Kridl et al.			
		5,650,303	07-22-1997	Kridl et al.			
		5,695,967	12-09-1997	Van Bokkelen et al.			
		5,712,134	01-27-1998	Hadlaczky			
		5,721,118	02-24-1998	Scheffler			
		5,733,744	03-31-1998	Hamilton			
		5,766,885	06-16-1998	Carrington et al.			
	,"	5,866,793	02-02-1999	Baga et al.			The state of the s
		5,869,294	02-09-1999	Harrington et al.			7 - 1 (1)
.,,		5,877,402	03-02-1999	Maliga et al.			
		5,891,625	04-06-1999	Buchardt et al.			
		5,891,691	04-06-1999	Hadlaczky			
		5,925,808	07-20-1999	Oliver et al.			
		5,977,439	11-02-1999	Hamilton			
· · · · · · · · · · · · · · · · · · ·		5,977,441	11-02-1999	Oliver et al.			
		6,025,155	02-15-2002	Hadlaczky et al.			
		6,077,697	06-20-2000	Hadlaczky et al.			
· · · · · · · · · · · · · · · · · · ·		6,127,171	10-03-2000	Slilaty et al.			
		6,156,953	12-05-2000	Preuss et al			

EXAMINER:		DATE CONSIDERED:	 	

		DIADEL DOLL
Form PTO-1449 (Modified)	Atty. Docket No.	Serial No.
	30844/30003A	10/590,546
INTEGRALATION DIOCI COLIDE COLUMNIA TENTO	Applicant(s)	
INFORMATION DISCLOSURE STATEMENT	Zieler et al.	
	Filing Date	Art Unit
	July 13, 2007	1645

		1	U.S. PATENT	DOCUMENTS			
Examiner Initials	Doc. ID Number	Document Number	Issue or Publication Date	Name	Class	Sub class	Filing Date (If Appropriate)
		6,162,963	12-19-2000	Kucherlapati et al.			
		6,265,211	07-24-2001	Choo et al.			
	·	6,277,608	08-21-2001	Hartley et al.			
		6,277,632	08-21-2001	Harney			
-		6,291,243	09-18-2001	Fogarty et al.			•
3		6,337,431	01-08-2002	Tricoli et al.			
		6,348,353	02-19-2002	Harrington et al.			
		6,365,377	04-02-2002	Patten et al.			·
		6,369,296	04-09-2002	Ratcliff et al.			····
		6,376,234	04-23-2002	Grimsley et al.			**************************************
		6,376,745	04-23-2002	Atabekov et al.			····
		6,388,168	05-14-2002	Maliga et al.			
		6,391,639	05-21-2002	Schenk et al.			•
		6,455,315	09-24-2002	Baszczynski et al.			, , , <u>, , , , , , , , , , , , , , , , </u>
		6,472,586	10-29-2002	Maliga et al.			
		6,475,798	11/5/2002	Fogarty et al.			
		6,495,318	12-17-2002	Harney			
		6,514,693	02-04-2003	Lansdorp			
		6,573,427	06-03-2003	Atabekov et al.			<u> </u>
		2001/0008025	07-12-2001	Hadlaczky et al.			
		2002/0028513	03-07-2002	Fogarty et al.			<u>-</u>
		2002/0034814	03-21-2002	Atabekov et al.			
		2002/0059660	05-16-2002	Tricoli et al.		-	
		2002/0072097	06-13-2002	Delcardayre et al.			
		2002/0076811	06-20-2002	Okazaki et al.			

EXAMINER:	DATE CONSIDERED:	

		DITELL DOLL.	
Form PTO-1449 (Modified)	Atty. Docket No. 30844/30003A	Serial No. 10/590,546	
INFORMATION DISCLOSURE STATEMENT	NT Applicant(s) Zieler et al.		
	Filing Date July 13, 2007	Art Unit 1645	

U.S. PATENT DOCUMENTS							
Examiner Initials	Doc. ID Number	Document Number	Issue or Publication Date	Name	Class	Sub class	Filing Date (If Appropriate)
		2002/0094574	07-18-2002	Hartley et al.			
		2002/0108146	08-08-2002	Pang et al.			
		2002/0111930	08-15-2002	Battles			
		2002/0123053	09-05-2002	Luo et al.	1,77		
		2002/0123145	09-05-2002	Ow			
-		2002/0128457	09-12-2002	Anderson et al.			
		2002/0132348	09-19-2002	Bradshaw et al.			
		2002/0151058	10-17-2002	Perkins et al.			
		2002/0155530	10-24-2002	Szybalski et al.			
		2002/0160410	10-31-2002	Hadlaczky et al.	:		
		2002/0160970	10-31-2002	Hadlaczky et al.			···
		2002/0172997	11/21/2002	Hartley et al.			
-		2002/0174453	11/21/2002	Daniell et al.			
		2002/0192819	12-19-2002	Hartley et al.			**************************************
		2003/0003435	01-02-2003	DeJong et al.			
		2003/0003466	01-02-2003	Harrington et al.			
		2003/0022204	01-30-2003	Landsorp			
		2003/0032186	02-13-2003	Jorgensen et al.			
		2003/0033617	02-13-2003	Hadlaczky et al.			
		2003/0041353	02-27-2003	Daniell et al.			
		2003/0049665	03-13-2003	Szybalski et al.			
		2003/0064509	04-03-2003	Marynen et al.			
		2003/0077804	04-24-2003	Byrd et al.			V-V-
		2003/0083293	05-01-2003	Hadlaczky et al.			
		2003/0084482	05-01-2003	Hall et al.			1t. 1377. P

EXAMINER:		DATE CONSIDERED:

		DILLUL TOLLT
Form PTO-1449 (Modified)	Atty. Docket No.	Serial No.
	30844/30003A	10/590,546
INTEGRALATION DIGGE OCUPE COLUMNIA COLUMNIA	Applicant(s)	
INFORMATION DISCLOSURE STATEMENT	Zieler et al.	
	Filing Date	Art Unit
	July 13 2007	1645

U.S. PATENT DOCUMENTS							
Examiner Initials	Doc. ID · Number	Document Number	Issue or Publication Date	Name	Class	Sub class	Filing Date (If Appropriate)
		2003/0088081	05-08-2003	Maliga et al.			
•		2003/0097678	05-22-2003	Kushinov et al.			
		2003/0101480	05-29-2003	Hadlaczky et al.			
		2003/0108914	06-12-2003	Hadlaczky			
		2003/0124561	07-03-2003	Mach et al.			

Examiner	Docum	Document	Publication	Country	Translation		
Initials	ent ID Numbe	Number	Date		Yes	No	
		0320500	06-14-1989	EPO			
		0442174	08-21-1991	EPO			
		0338266	10-25-1989	EPO		• •	
		0552829	07-28-1993	EPO			
		0959134	11-24-1999	EPO			
		WO 89/09219	05-10-1989	PCT			
		WO 91/02066	02-21-1991	WIPO			
		WO 91/13994	09-19-1991	WIPO			
		WO 92/07080	04-30-1992	WIPO			
		WO 93/05165	03-18-1993	WIPO			
_		WO 95/02319	01-26-1995	WIPO			
		WO 95/12669	05-11-1995	WIPO			
		WO 96/40965	12-19-1996	WIPO			
		WO 97/06250	02-20-1997	WIPO			
		WO 97/14026	04-17-1997	WIPO			
		WO 97/40183	10-30-1997	WIPO			

EXAMINER:	DATE CONSIDERED:

		OTTED TO OT D .
Form PTO-1449 (Modified)	Atty. Docket No.	Serial No.
	30844/30003A	10/590,546
INFORMATION DISCLOSURE STATEMENT	Applicant(s)	
	Zieler et al.	·
	Filing Date	Art Unit
	July 13, 2007	1645

		FOREIGN	PATENT DOCUMEN	VTS		
Examiner Initials	Docum ent ID Numbe	Document Number	Publication Date	Country	Tran Yes	slation No
	Tyumbe	WO 98/02562	01-22-1998	WIPO		·
·		WO 98/08964	03-05-1998	WIPO		
		WO 98/37223	08-27-1998	WIPO		<u></u>
		WO 98/51790	11-19-1998	WIPO		
		WO 98/54342	12-03-1998	WIPO		
		WO 98/55637	12-10-1998	WIPO		
		WO 99/21977	05-06-1999	WIPO		
		WO 99/67374	12-29-1999	WIPO		
		WO 00/06715	02-10-2000	WIPO		
		WO 00/07431	02-17-2000	WIPO		
		WO 00/40723	07-23-2000	WIPO		
		WO 00/46350	08-10-2000	WIPO		
V		WO 00/52155	09-08-2000	WIPO		
		WO 00/52183	09-08-2000	WIPO		
		WO 00/75289	12-14-2000	WIPO		
		WO 00/75299	12-14-2000	WIPO		-
		WO 00/78985	12-28-2000	WIPO		
		WO 01/00858	01-04-2001	WIPO		
		WO 01/05962	01-25-2001	WIPO		
		WO 01/11020	02-15-2001	WIPO		
		WO 01/20011	03-22-2001	WIPO		-
		WO 01/27241	04-19-2001	WIPO	1 1	
		WO 01/29241	04-26-2001	WIPO		
		WO 01/59091	08-16-2001	WIPO		
		WO 00/78976	08-23-2001	WIPO		<u>-</u>
		WO 01/64024	09-07-2001	WIPO		

DATE CONSIDERED:

EXAMINER:

		DIADLI OULL!
Form PTO-1449 (Modified)	Atty. Docket No.	Serial No.
	30844/30003A	10/590,546
INTEGRALATION DIGGLOCATION OF A TOP A TOP A	Applicant(s)	
INFORMATION DISCLOSURE STATEMENT	Zieler et al.	
	Filing Date	Art Unit
	July 13 2007	1645

	FOREIGN PATENT DOCUMENTS					
Examiner Initials	Docum ent ID Numbe	Document Number	Publication Date	Country	Tran Yes	slation No
		WO 01/77357	10-18-2001	WIPO		
		WO 02/00842	01-03-2002	WIPO		_
		WO 02/04629	01-17-2002	WIPO		
		WO 02/08409	01-31-2002	WIPO		· · · · · · ·
		WO 02/29068	04-11-2002	WIPO		_
		WO 02/057464	07-25-2002	WIPO		
		WO 02/50288	06-27-2002	WIPO		
		WO 02/059296	08-01-2002	WIPO		
		WO 02/059330	08-01-2002	WIPO ·		
		WO 02/067655	09-06-2002	WIPO		
		WO 02/072849	09-19-2002	WIPO		
,		WO 02/081710	10-17-2002	WIPO		
		WO 02/086144	10-31-2002	WIPO		·
		WO 02/086146	10-31-2002	WIPO	 	
*		WO 02/096923	12-05-2002	WIPO		
		WO 03/28014	04-01-2003	WIPO		

Examiner's	Doc. ID	
Initials	Number	
		Abdullah et al., "Efficient Plant Regeneration from Rice Protoplasts through Somatic Embryogenesis," BioTechnology 4: 1087-1090 (1986).
		Abel et al., "Delay of Disease Development in Transgenic Plants that Express the Tobacco Mosaic Virus Coat Protein Gene," Science 232: 738-743 (1986)
		Alfenito et al., "Molecular Characterization of a Maize B Chromosome Centric Sequence," Genetics 135: 589-597 (1993).
		Alonso-Blanco et al., "Development of AFLP Based Linkage Map of Ler, Col and Cvi Arabidopsis thaliana Ecotypes and Construction of a Ler/Cvi Recombinant Inbred Line Population," The Plant Journal 14: 259-271 (1998).

	TE CONSIDERED:
--	----------------

Form PTO-1449 (Modified)	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
		10/320,340
TAIRODA (A DECOL DECOL DE COL ADRA COLOR	Applicant(s)	
INFORMATION DISCLOSURE STATEMENT	Zieler et al.	
	Filing Date	Art Unit
	July 13, 2007	1645

	Ananiev et al., "Chromosome-specific Molecular Organization of Maize (Zea mays L.) Contrargation of Maize (Zea mays L.)
	Centromeric Regions," Proc. Natl. Acad. Sci. USA 95: 13073-13078 (1998).
	Ananiev et al., "A Knob-Associated Tandem Repeat in Maize Capable of Forming Fold-back DNA Segments: Are Chromosome Knobs Megatransposons?," Proc. Natl. Acad. Sci. USA. 95: 10785-10790 (1998).
	Ananiev et al., "Complex Structure of Knob DNA on Maize Chromosome 9: Retrotransposon Invasion into Heterochromatin," Genetics 149: 2025-2037 (1998).
	Ananiev et al., "Complex Structure of Knobs and Centromeric Regions in Maize Chromosomes," Tsitol Genet. 34: 11-5 (2000).
	Aragon-Alcaide et al., "A Cereal Centromeric Sequence," Chromosoma 105: 261-8 (1996).
	Araki et al., "Site-specific Recominanse, R, Encoded by Yeast Plasmid pSR1," J. Mol. Biol. 225: 25-37 (1992).
	Areshchenkova et al., "Long Tomato Microsatellites are Predominantly Associated with Centromeric Regions," Genome 42: 536-44 (1999).
-	Armstrong et al., "Physical Mapping of DNA Repetitive Sequences to Mitotic and Meiotic Chromosomes of Brassica oleracea var. alboglabra by Fluorescence in situ Hybridization," Heredity 81: 666-673 (1998).
	Barki-Golan et al., "Studies on Growth Inhibition by Lectins of Penicillia and Aspergilli," Arch. Microbiol. 116: 119-124 (1978).
	Baum et al., "The Centromeric K-Type Repeat and the Central Core are Together Sufficient to Establish a Functional Schizosaccharomyces pombe Centromere," Molecular Biology of the Cell 5747-761 (1994).
	Bell et al., "Assignment of 30 Microsatellite Loci to the Linkage Map of Arabidopsis," Genomics 19: 137-144 (1994).
	Bernal-Lupo et al., "Changes in Soluble Carbohydrates During Seed Storage," Plant Physiol. 98: 1207-1210 (1992).
	Berzal-Herranz et al., "In Vitro Selection of Active Hairpin Ribozymes by Sequential RNA-Catalyzed Cleavage and Ligation Reactions," Genes & Development 6: 129-134 (1992).
	Bevan et al., "Clearing a Path Through the Jungle: Progress in Arabidopsis Genomics," BioEssay. 21: 110-120 (1999).
	Bevan et al., "Structure and Transcription of the Nopaline Synthase Gene Region of T-DNA," Nucleic Acids Research 11: 369-385 (1983).
	Birchler, "Do These Sequences Make CENs Yet?" Genome Research 7: 1035-1037 (1997).
	Blackman et al., "Maturation Proteins and Sugars in Dessiccation Tolerance of Developing Soybean Seeds," Plant Physiol. 100: 225-230 (1992).
	Bloom, "The Centromere Frontier: Kinetochore Components, Microtubule-Based Motility, and the CEN-Value Paradox," Cell 73: 621-624 (1993).
	Bol et al., "Plant Pathogenesis-related Proteins Induced by Virus Infection," Annu. Rev. Phytopath 28: 113-138 (1990).
	Bowler et al., "Superoxide Dismutase and Stress Tolerance," Annu. Rev. Plant Physiol. Plant Mol. Biol. 43: 83-116 (1992).
	Brandes et al., "Multiple Repetitive DNA Sequences in the Paracentromeric Regions of Arabidopsis thaliana L.," Chromosome Res. 5: 238-46 (1997).

EXAMINER:	DATE CONSIDERED:

		SILLLI OUIZT
Form PTO-1449 (Modified)	Atty. Docket No.	Serial No.
	30844/30003A	10/590,546
INTEGRALATION DIGGLOCULES COLORS CONTRACTOR	Applicant(s)	
INFORMATION DISCLOSURE STATEMENT	Zieler et al.	
	Filing Date	Art Unit
	July 13, 2007	1645

О	THER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
	Branson et al., "Potential for Utilizing Resistance from Relatives of Cultivated Crops," Proceedings North Central Branch Entomological Society of America 27: 9195 (1972).
	Brisson et al., "Expression of a Bacterial Gene in Plants by Using a Viral Vector," Nature 310: 511-516 (1984).
	Broach et al., "Transformation in Yeast: Development of a Hybrid Cloning Vector and Isolation of the CAN1 Gene," Gene 8: 121-133 (1979).
	Broekaert et al., "A Chitin-Binding Lectin from Stinging Nettle Rhizomes with Antifungal Properties," Science 245: 1100-1102 (1989).
	Buchowicz, J., "Nuclear Extrachromosomal DNA of Higher Plants," <i>Acta Biochim Pol.</i> 44: 13-19 (1977).
-	Burke et al., "Cloning of Large Segments of Exogenous DNA into Yeast by Means of Artificial Chromosome Vectors," Science 236: 806-812 (1987).
	Bytebier et al., "T-DNA Organization in Tumor Cultures and Transgenic Plants of the Monocotyledon Asparagus officinalis," Proc. Natl. Acad. Sci. USA 84: 5345-5349 (1987).
	Callis et al., "Introns Increase Gene Expression in Cultured Maize Cells," Genes & Development 1: 1183-1200 (1987).
	Cambareri et al., "Structure of the Chromosome VII Centromere Region in Neurospora crassa: Degenerate Transposons and Simple Repeats," Molecular and Cellular Biology 18: 5465-5477 (1998).
	Campbell, "The Production and Characterization of Rodent and Human Hybridomas," Laboratory Techniques in Biochemistry and Molecular Biology 13: 75-83 (1984).
	Capecchi, "High Efficiency Transformation by Direct Microinjection of DNA into Cultured Mammalian Cells," Cell 22: 479-488 (1980).
	Carbon et al., "Centromere Structure and Function in Budding and Fission Yeasts," The New Biologist 2: 10-19 (1990)
	Carbon et al., "Structural and Functional Analysis of a Yeast Centromere (CEN3)," J. Cell Sci. Suppl. 1, 43-58 (1984).
	Carbon et al., Recombinant Molecules: Impact on Science and Society, Raven Press: 335-378 (1977).
	Carpenter et al., "On the Control of the Distribution of Meiotic Exchange in Drosophila Melanogaster," Genetics 101: 81-89 (1982).
	Cech et al., "In Vitro Splicing of the Ribosomal RNA Precursor of Tetrahymena: Involvement of a Guanosine Nucleotide in the Excision of the Intervening Sequence," Cell 27: 487-496 (1981).
	Cepko et al., "Construction and Applications of a Highly Transmissible Murine Retrovirus Shuttle Vector," Cell 37: 1053-1062 (1984).
	Chandler et al., "Two Regulatory Genes of the Maize Anthocyanin Pathway are Homologous: Isolation of B Utilizing R Genomic Sequences," The Plant Cell 1: 1175-1183 (1989).
	Chang et al., "Restriction Fragment Length Polymorphism Linkage Map for Arabidopsis thaliana," Proc. Natl. Acad. Sci USA 85: 6856-6860 (1988).
	Charlesworth et al., "The Evolution of Restricted Recombination and the Accumulation of Repeated DNA Sequences," Genetics 112: 947-962 (1986).
	Charlesworth et al., "The Evolutionary Dynamics of Repetitive DNA in Eukaryotes," Nature 371: 215-220 (1994).

EXAMINER:	DATE CONSIDERED:

		DITED 7 OF 2
Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
Cheng et al., "Functional Rice Centromeres are Marked by a Satellite Repeat and a Centromere-Specific Retrotransposon," Plant Cell. 14: 1691-1704 (2002).
Choi et al., "Construction and Characterization of a Bacterial Artificial Chromosome Library of Arabidopsis thaliana," Plant Molecular Biology Reporter 13: 124-129 (1995).
Choo, "Turning on the Centromere," Nature Genetics 18: 3-4 (1998).
Choo, "Why Is the Centromere So Cold?" Genome Research 8: 81-82 (1998).
Chowrira et al., "In Vitro and In Vivo Comparison of Hammerhead, Hairpin, and Hepatitis Delta Virus Self-processing Ribozyme Cassettes," The Journal of Biological Chemistry 269: 25856-25864 (1994).
Christou et al., "Stable Transformation of Soybean Callus by DNA-Coated Gold Particles," Plant Physiol. 87: 671-674 (1988).
Chu et al., "Separation of Large DNA Molecules by Contour-Clamped Homogenous Electric Fields," Science 234: 1582-1585 (1986).
Chye et al., "Characterization of TSCL, a Nonviral Retroposon from Arabidopsis thaliana," Plant Molecular Biology 35: 893-904 (1997).
Clapp, "Somatic Gene Therapy into Hemotopoietic Cells," Clinics in Perinatology 20: 155-168 (1993).
Clarke et al., "Centromeres: Proteins, Protein Complexes, and Repeated Domains at Centromeres of Simple Eukaryotes," Genetics and Development 8: 212-218 (1998).
Clarke et al., "Analysis of Centromeric DNA in the Fission Yeast Schizosaccharomyces pombe," Proc. Natl. Acad. Sci. USA 83: 8253-8257 (1986).
Clarke et al., "Isolation of a Yeast Centromere and Construction of Functional Small Circular Chromosomes," Nature 287: 504-509 (1980).
Cohen et al., "Construction of Biologically Functional Bacterial Plasmids In Vitro," Proc. Nat. Acad. Sci. USA 70: 3240-3244 (1973).
Conkling et al., "Isolation of Transcriptionally Regulated Root-Specific Genes from Tobacco," Current Opinion Plant Physiol. 93: 1203-1211 (1990).
Copenhaver, et al., "Centromeres in the Genomic Era: Unraveling Paradoxes," Plant Biology 2: 104-108 (1999).
Copenhaver et al., "Assaying Genome-wide Recombination and Centromere Functions with Arabidopsis tetrads," Proc. Natl. Acad. Sci. USA, 95: 247-252 (1998).
Copenhaver et al., "Tetrad Analysis in Higher Plants: A Budding Technology," Plant Physiol., 124: 7-16 (2000).
Copenhaver et al., "RFLP and Physical Mapping with an rDNA-specific Endonuclease Reveals that Nucleolus Organizer Regions of Arabidopsis thaliana Adjoin the Telemores on Chromosomes 2 and 4," Plant Journal 9: 259-276 (1996).
Copenhaver et al., "Genetic Definition and Sequence Analysis of Arabidopsis Centromeres," Science 286: 2468-2474 (1999).
Copenhaver et al., "Two-dimensional RFLP analyses Reveal Megabase-sized Clusters of rRNA Gene Variants in Arabidopsis thaliana, Suggesting Local Spreading of Variants as the Mode for Gene Homogenization During Concerted Evolution," The Plant Journal 9: 273-282 (1996).

EXAMINER:	DATE CONSIDERED:

Form PTO-1449 (Modified)	Atty. Docket No.	Serial No.
	30844/30003A	10/590,546
TATEODALA MICANIDICOL OCUDE COLA MODA CENTRA	Applicant(s)	
INFORMATION DISCLOSURE STATEMENT	Zieler et al.	
	Filing Date	Art Unit
	July 13, 2007	1645

	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
	Copenhaver et al., "Use of RFLPs Larger than 100 kbp to Map Position and Internal Organization of the Nucleolus Organizer Region on Chromosome 2 in Arabidopsis thaliana," Plant Journal 7: 273-286 (1995).
	Copenhaver, "Using Arabidopsis to Understand Centromere Function: Progress and Prospects," Chromosome Res. 2993: 11: 255-62 (2003)
	Coxson et al., "Pulse Release of Sugars and Polyols from Canopy Bryophytes in Tropical Montane Rain Forest (Guadeloupe, French West Indies)," Biotropica 24: 121-133 (1992).
	Creusot et al., "The CIC Library: A Large Insert YAC Library for Genome Mapping in Arabidopsis thaliana," The Plant Journal 8: 763-770 (1995).
	Cristou et al., "Stable Transformation of Soybean Callus by DNA-Coated Gold Particles, "Plant Physiol. 87: 671-674 (1988).
	Cuozzo et al., "Viral Protection in Transgenic Tobacco Plants Expressing the Cucumber Mosaic Virus Coat Protein or Its Antisense RNA," BioTechnology 6: 549-557 (1988).
	Curiel et al., "High-efficiency Gene Transfer Mediated by Adenovirus Coupled to DNA-polylysine Complexes," Hum. Gen. Ther. 3: 147-154 (1992).
	Curiel et al., "Adenovirus Enhancement of Transferrin-Polylysine-Mediated Gene Delivery," Proc Natl. Acad. Sci. USA 88: 8850-8854 (1991).
	Cutler et al., "Winter Flounder Antifreeze Protein Improves the Cold Hardiness of Plant Tissues," J. Plant Physiol. 135: 351-354 (1989).
	Czapla et al., "Effect of Plant Lectins on the Larval Development of European Corn Borer (Lepidoptera: Pyralidae) and Southern Corn Rootworm (Coleoptera: Chrysomelidae)," J. Econ Entomol 83: 2480-2485 (1990).
	Davies et al., "Leaf Senescence in a Nonyellowing Mutant of Festuca pratensis," Plant Physiol. 93: 588-595 (1990).
	Dellaporta et al., "Molecular Cloning of the Maize R-nj Allele by Transposon Tagging with Ac": Chromosome Structure and Function: Impact of New Concepts," 18th Stadler Genetics Symposium 11: 263-282 (1988).
-	Dennis et al., "Knob Heterochromatin Homology in Maize and Its Relatives," J. Mol. Evol. 20: 341-350 (1984).
	Depicker et al., "A Negative Selection Scheme for Tobacco Protoplast-Derived Cells Expressing the T-DNA Gene 2," Plant Cell Reports 7: 63-66 (1988).
	Di Laurenzio et al., "The SCARECROW Gene Regulates an Asymmetric Cell Division that Is Essential for Generating the Radial Organization of the Arabidopsis Root," Cell, 86: 423-433 (1996).
	Discussion with David Baltimore as Moderator, "Recombinant Molecules: Impact on Science and Society": 337-352, New York, 1977.
	Donahue et al., "The Nucleotide Sequence of the HIS4 Region of Yeast," Gene. 18: 47-59 (1982).
	Dong et al., "Rice (Oryza Sativa) Centromeric Regions Consist Of Complex DNA," Proc. Natl. Acad. Sci. USA 95: 8135-40 (1998).
	Dure III et al., "Common Amino Acid Sequence Domains Among the LEA Proteins of Higher Plants," Plant Molecular Biology 12: 475-486 (1989).
	duSart et al., "A Functional Neo-centromere Formed Through Activation of a Latent Human Centromere and Consisting of Non-alpha Satellite DNA," Nature Genetics 16: 144-153 (1997).

EXAMINER:	DATE CONSIDERED:
	1

		OIIDET II OI 24
Form PTO-1449 (Modified)	Atty. Docket No.	Serial No.
	30844/30003A	10/590,546
INFORMATION DISCLOSURE STATEMENT	Applicant(s)	
	Zieler et al.	
	Filing Date	Art Unit
	July 13, 2007	1645

 OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
Earnshaw et al, "Proteins of the Inner and Outer Centromere of Mitotic Chromosomes," Genome 31: 541-552 (1989).
Earnshaw et al., "When is a Centromere Not a Kinetochore?" Journal of Cell Science 99: 1-4 (1991).
Ebert et al., "Identification of an Essential Upstream Element in the Nopaline Synthase Promoter by Stable and Transient Assays," Proc. Natl. Acad. Sci. USA 84: 5745-5749 (1987).
Ecker, "PFGE and YAC Analysis of the Arabidopsis Genome," Methods I: 186-194 (1990).
Eglitis et al., "Retroviral Vectors for Introduction of Genes into Mammalian Cells," BioTechniques 6: 608-614 (1988).
Eglitis et al., "Retroviral-mediated Gene Transfer into Hemapoietic Cells," Avd. Exp. Med. Biol. 241: 19-27 (1988).
Enomoto et al., "Mapping of the pin Locus Coding for a Site-Specific Recombinase that Causes Flagellar-Phase Variation in Escherichia coli K-12," Journal of Bacteriology 156: 663-668 (1983).
Erdmann et al., "Glycosylglycerol Accumulation During Salt Acclimination of Two Unicellular Cyanobacteria," Journal of General Microbiology 138: 363-368 (1992).
Ferrin et al., "Selective Cleavage of Human DNA: RecA-Assisted Restriction Endonuclease (RARE) Cleavage," Science 254: 1494-1497 (1991).
Fitzpatrick, "Pleiotropic Gene Found in Barley Plant" Gen. Engineering News 13(5): 1, 22 (1993).
 Fleig. et al., "Functional Selection for the Centromere DNA from Yeast Chromosome VIII," Nuc. Acids. Res 23: 922-924 (1995).
Forster et al., "Self-Cleavage of Plus and Minus RNAs of a Virusoid and a Structural Model for the Active Sites," Cell 49: 211-220 (1987).
Fraley et al., "The SEV Sysem: A New Disarmed TI Plasmid Vector System for Plant Transformation," BioTechnology 3: 629-635 (1985).
Fransz et al., "Cytogenetics for the Model System Arabidopsis thaliana," The Plant Journal 13: 867-876 (1998).
Fransz et al., "Integrated Cytogenetic Map of Chromosome Arm 4S Of A. thaliana: Structural Organization of Heterochromatic Knob and Centromere Region," Cell. 100: 367-76 (2000).
Frary et al., "Molecular Mapping of the Centromeres of Tomato Chromosomes 7 and 9," Mol Gen Genet., 250: 295-304 (1996).
Fromm et al., "Expression of Genes Transferred into Monocot and Dicot Plant Cells by Electroporation," Proc. Nat. Acad. Sci. USA 82: 5824-5828 (1985).
Fromm et al., "Stable Transformation of Maize After Gene Transfer by Electroporation," Nature 319: 791-793 (1986).
Fujimara et al, "Regeneration of Rice Plants from Protoplasts, "Plant Tissue Culture Letters 2: 74 (1985).
Fukui et al, "Physical Arrangement of Retrotransposon-Related Repeats in Centromeric Regions of Wheat," Plant Cell Physiology, 42: 189-96 (2004).
Fynan et al., "DNA Vaccines: Protective Immunizations by Parenteral, Mucosal, and Gene-Gun Inoculations," Proc. Nat. Acad. Sci. USA 90: 11478-11482 (1993).
Gatehouse et al., "Effect of Seed Lectins from Phaseolus vulgaris on the Development of Larvae of Callosobruchus maculatus; Mechanism of Toxicity," J. Sci. Food. Agric. 35: 373-380 (1984).

EXAMINER: DATE CONSIDERE	RED:
--------------------------	------

		DIILLDI IZ OIZ
Form PTO-1449 (Modified)	Atty. Docket No.	Serial No.
	30844/30003A	10/590,546
INFORMATION DISCLOSURE STATEMENT	Applicant(s)	
	Zieler et al.	
	Filing Date	Art Unit
	Iuly 13 2007	1645

	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
	Gefter et al., "A Simple Method for Polyethylene Glycol-promoted Hybridization of Mouse Myeloma Cells," Somatic Cell Genet. 3: 231-236 (1977).
	GenBank Accession Number AF013103
	GenBank Accession Number AF049110
	GenBank Accession Number AF050437
	GenBank Accession Number AF050438
	GenBank Accession Number AF050452
	GenBank Accession Number AF050453
	GenBank Accession Number AF071126
	GenBank Accession Number AF078917
	GenBank Accession Number AF078922
	GenBank Accession Number AF078923
	GenBank Accession Number AF090447
	GenBank Accession Number AF123535
	GenBank Accession Number AF242891
	GenBank Accession Number AF273104
*******	GenBank Accession Number AF448416
	GenBank Accession Number AY129008
	GenBank Accession Number AY173950
	GenBank Accession Number AY321491
	GenBank Accession Number K01868
	GanBank Accession Number K02202
	GenBank Accession Number M35408
	GenBank Accession Number X01365
	GenBank Accession Number U39642
	Gerlach et al., "Construction of a Plant Disease Resistance Gene from the Satellite RNA of Tobacco Ringspot Virus," Nature 328: 802-805 (1987).
	Gindullis et al., "The Large-Scale Organization of the Centromeric Region in Beta Species," Genome Res. 11: 253-65 (2001).
	Gindullis, et al., "Construction and Characterization of A BAC Library for the Molecular Dissection of a Single Wild Beet Centromere and Sugar Beet (Beta Vulfaris)," Genome Analysis, 44: 846-55 (2001).
	Giordano et al., "Identification by Denaturing High-Performance Liquid Chromatography of Numerous Polymorphisms in a Candidate Region for Multiple Sclerosis Susceptibility," Genomics, 56: 247-253 (1999).
	Goding, Monoclonal Antibodies: Principles and Practice, Academic Press, Orlando, Florida, 60-74 (1986).

DATE CONSIDERED:

Form PTO-1449 (Modified)	Atty. Docket No.	Serial No.
	30844/30003A	10/590,546
INFORMATION DIOCE OCCUPE OF A THE ACTION	Applicant(s)	
INFORMATION DISCLOSURE STATEMENT	Zieler et al.	
	Filing Date	Art Unit
	July 13, 2007	1645

ro	THER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
	Golic et al., "The FLP Recombinase of Yeast Catalyzes Site-Specific Recombination in the Drosophila Genome" Cell 59: 499-509 (1989).
	Goring et al., "Transformation of a Partial Nopaline Synthase Gene into Tobacco Suppresses the Expression of a Resident Wild-type Gene," Proc. Natl. Acad. Aci. USA 88, 1770-1774 (1991).
	Graham et al., "Transformation of Rat Cells by DNA of Human Adenovirus 5," Virology 54: 536-539 (1973).
	Grellet et al., "Organization and Evolution of a Higher Plant Alphoid-like Satellite DNA Sequence," J. Mol. Biol. 187: 495-507(1986).
	Grill et al., "Construction and Characterization of a Yeast Artificial Chromosome Library of Arabidopsis Which Is Suitable for Chromosome Walking," Mol. Gen. Genet. 226: 484-490 (1991).
	Guerrero et al., "Turgo-Responsive Gene Transcription and RNA Levels Increase Rapidly When Pea Shoots Are Wilted. Sequence and Expression of Three Inducible Genes," Plant Molecular Biology 15: 11-26 (1990).
	Gupta et al., "Increased Resistance to Oxidative Stress in Transgenic Plants that Overexpress Chloroplastic Cu/Zn Superoxide Dismutase," Proc. Natl. Acad. Sci. USA 90: 1629-1633 (1993).
	Gutierrez-Marcos et al., "Three Members of a Novel Small Gene-Family from Arabidopsis thaliana Able to Complement Functionally an Escherichia coli Mutant Defective in PAPS Reducatase Activity Encode Proteins with a Thioredoxin-like Domain and "APS Reductase" Activity," Proc. Natl. Acad. Sci USA 93: 13377-133824 (1996).
	Haaf et al., "Integration of Human Satellite DNA into Simian Chromosomes: Centromere Protein Binding and Disruption of Normal Chromosome Segregation," Cell 70: 681-696 (1992).
	Hadlaczky et al., "Centromere Formation in Mouse Cells Cotransformed with Human DNA and a Dominant Marker Gene," Proc. Natl. Acad. Sci., USA 88: 8106-8110 (1991).
	Hauge et al., "Mapping the Arabidopsis Genome," Symp. Society for Experimental Biology, 45: 45-56 (1991).
	Hall, et al., "The Rapidly Evolving Field Of Plant Centromeres," Department of Molecular Genetics and Cell Biology, The University of Chicago, Chicago, Illinois 60637, USA, Curr. Opin Plant Biol. 7108-14 (2002).
	Hamilton et al., "Stable Transfer of Intact High Molecular Weight DNA into Plant Chromosones," Proc. Natl. Acad. Sci. USA 93: 9975-9979(1996)
	Hamilton, "A Binary BAC System for Plant Transformation with High-Molecular-Weight DNA," Gene 4: 200: 107-116 (1997).
	Hammock et al., "Expression and Effects of the Juvenile Hormone Esterase in a Baculovirus Vector," Nature 344: 458-463 (1990).
	Harrington et al., "Formation of de novo Centromeres and Construction of First-generation Human Artificial Microchromosomes," Nature Genetics 15: 345-354 (1997). Harrison et al., "Centromeric Repetitive DNA Sequences in the Genus Brassica," Theor. Appl. Genet., 90: 157-165 (1995).
	Haseloff et al., "Removal of a Cryptic Intron and Subcellular Localization of Green Fluorescent Protein Are Required to Mark Transgenic Arabidopsis Plants Brightly," Proc. Natl. Acad. Sci. USA 94: 2122-2127 (1997).
-	Hegemann et al., "The Ceontromere of Budding Yeast," BioEssays 15: 451-460 (1998).
	Heller et al., "Mini-Chromosomes Derived from the Human Y Chromosome by Telomere Directed Chromosome Breakage," Proc. Natl. Acad. Sci. USA 93: 7125-7130 (1996).

EVAMBIED	D. TE COLIGIDEDED		
EXAMINER:	DATE CONSIDERED:		

		DILLUI 14 0124
Form PTO-1449 (Modified)	Atty. Docket No.	Serial No.
	30844/30003A	10/590,546
INFORMATION DISCLOSURE OF ATEMENT	Applicant(s)	
INFORMATION DISCLOSURE STATEMENT	Zieler et al.	
	Filing Date	Art Unit
	July 13, 2007	1645

(OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
	Hemenway et al., "Analysis of the Mechanism of Protection in Transgenic Plants Expressing the Potato Virus X Coat Protein or its Antisense RNA," The EMBO Journal 7: 1273-1280 (1988).
	Heslop-Harrison et al., "Polymorphisms and Genomic Organization of Repetitive DNA from Centromeric Regions of Arabidopsis Chromosomes," Plant Cell. 11: 31-42 (1999).
	Hilder et al., "A Novel Mechanism of Insect Resistance Engineered into Tobacco," Nature 330: 160-163 (1987).
	Hinchee et al., "Production of Transgenic Soybean Plants Using Agrobacterium-Mediated DNA Transfer," BioTechnology 6: 915-922 (1988).
	Hoess et al., "P1 Site-Specific Recombination: Nucleotide Sequence of the Recombining Sites," Proc. Nat. Acad. Sci. USA 79: 3398-3402 (1982).
	Houben et al., "DNA and Proteins of Plant Centromeres," Current Opinion in Plant Biology 6: 554-560 (2003).
	Hsiao et al., "High-Frequency Transformation of Yeast by Plasmids Containing the Cloned Yeast ARG4 Gene," Proc. Nat. Acad. Sci. USA 76: 3829-3833 (1979).
-	Hudakova et al., "Sequence Organization of Barley Centromeres," Nucleic Acids Resources, 29: 5029-35 (2001).
·	Hudspeth et al., "Structure and Expression of the Maize Gene Encoding the Phosphoenolpyruvate Carboxylase Isozyme Involved in C4 Photosynthesis," <i>Plant Molecular Biology 12</i> : 579-589 (1989).
	Hwang et al., "Identification and Map Position of YAC Clones Comprising One-third of the Arabidopsis genome," The Plant Journal 1: 367-374 (1991).
	Ikeda, et al., "Genetic Studies of Avermectin Biosynthesis in Streptomyces avermitilis," Journal of Bacteriology 16: 5615-5621 (1987).
	Ikeno, et al., "Construction of YAC-based Mammalian Artificial Chromosomes," Nature Biotechnology 16: 431-439 (1998).
	Ikuta et al., "The Alpha-Amylase Gene as a Marker for Gene Cloning: Direct Screening of Recombinant Clones," BioTechnology 8: 241-242 (1990).
	Inohara et al., "Two Genes, atpC1 and atpC2, for the Subunit of Arabidopsis thaliana Chloroplast ATP Synthase," The Journal of Biological Chemistry 266: 7333-7338 (1991).
	Jiang et al., "A Conserved Repetitive DNA Element Located in the Centromeres of Cereal Chromosomes," Proc Natl Acad Sci USA., 93: 4210-4213 (1996).
	Jiang et al., "A Molecular View of Plant Centromeres," Trends in Plant Science 8: 570-575 (2003).
	Jin et al., "Maize-Centromeres: Organization and Functional Adaptation in the Genetic Background of Oat, Department of Horticulture, University of Wisconsin-Madison, Madison, Wisconsin 53706, USA, Plant Cell. 16: 57-81 (2004).
	Johnston et al., "Gene Gun Transfection of Animal Cells and Genetic Immunization," Methods in Cell Biology 43: 353-363 (1994).
	Jones et al., "T-DNA Structure and Gene Expression in Petunia Plants Transformed by Agrobacterium tumafaciens C58 Derivatives," Mol. Gen. Genet. 207: 478-485 (1987).
	Jones et al., "High Level Expression of Introduced Chimaeric Genes in Regenerated Transformed Plants," The EMBO Journal 4: 2411-2418 (1985).

EXAMINER:	DATE CONSIDERED:

Form PTO-1449 (Modified)	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
INFORMATION DISCLOSURE STATEMENT	Applicant(s) Zieler et al.	
	Filing Date	Art Unit
	July 13, 2007	1645

	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
	Jorgensen et al., "T-DNA is Organized Predominantly in Inverted Repeat Structures in Plants Transformed with Agrobacterium tumafaciens C58 Derivatives," Mol. Gen. Genet. 207: 471-477 (1987).
	Jouanin et al., "Localization and Restriction Maps of Replication Origin Regions of the Plasmids of Agrobacterium rhizogenes Strain A ₄ ," Mol. Gen. Genet. 201: 370-374 (1985)
	Joyce, "RNA Evolution and the Origins of Life," Nature 338: 217-224 (1989).
	Karpen, "Position-effect Variegation and the New Biology of Heterochromatin," Current Opinion in Genetics and Development 4: 281-291 (1994).
	Karsten et al., "Polyol Content of Bostrychia and Stictosiphonia (Rhodomelaceae, Rhodophyta) from Field and Culture," Botanica Marina 35: 11-19 (1992).
	Kaasen et al., "Molecular Cloning and Physical Mapping of the otsBA Genes, Which Encode the Osmoregulatory Trehalose Pathway of Escherichia coli: Evidence that Transcription Is Activated by KatF (AppR)," Journal of Bacteriology 174: 889-898 (1992).
	Kaszás et al., "Misdivision Analysis of Centromere Structure in Maize," The EMBO Journal 15: 5246-5255 (1996).
-	Kato et al., "Foreign DNA Introduced by Calcium Phosphate is Integrated into Repetitive DNA Elements of the Mouse L Cell Genome," Molecular and Cellular Biology 6: 1787-1795 (1986).
	Katz et al., "Cloning and Expression of the Tyrosinase Gene from Streptomyces antibioticus in Streptomyces lividans," Journal of General Microbiology 129: 2703-2714 (1983).
·	Kim et al., "Three-Dimensional Model of the Active Site of the Self-Splicing rRNA Precursor of Tetrahymena," Proc. Nat. Acad. Sci. USA 84: 8788-8792 (1987).
	Kishii, et al., "A Tandem Repetitive Sequence Located in the Centromeric Region of Common Wheat (Triticum Aestivum) Chromosomes," Chromosome Resources, 9: 417-28 (2001).
	Klee et al., "Vectors for Transformation of Higher Plants," BioTechnology 3: 637-642 (1985).
	Klein et al., "High-Velocity Microprojectiles for Delivering Nucleic Acids into Living Cells," Nature 327: 70-73 (1987).
	Klein et al., "Stable Genetic Transformation of Intact Nicotiana Cells by the Particle Bombardment Process," Proc. Nat. Acad. Sci. USA 85: 8502-8505 (1988).
	Kohler et al., "Continous Cultures of Fused Cells Secreting Antibody of Predefined Specificity," Nature 256: 495-497 (1975).
	Kohler et al., "Derivation of Specific Antibody-Producing Tissue Culture and Tumor Lines by Cell Fusion," Eur. J. Immunol. 6: 511-519 (1976).
	Kolchinsky et al., "A Major Satellite DNA of Soybean is a 92-base Pairs Tandem Repeat" Theor. Appl. Genet. 90: 621-626 (1995).
	Konieczny et al., "A Superfamily of Arabidopsis thaliana Retrotransposons," Genetics 127: 801-809 (1991).
	Konieczny et al., "A Procedure for Mapping Arabidopsis Mutations Using Co-dominant Ectotype-specific PCR-based Markers," The Plant Journal 4: 403-310 (1993).
	Koorneef et al., "Trisomics in Arabidopsis thaliana and the Location of Linkage Groups," Genetica 61: 41-46 (1983).
	Koorneef, "Linkage Map of Arabidopsis thaliana (2n=10)," In S.J. O'Brien, ed., Genetic Maps 1987: A Compilation of Linkage and Restriction Maps of Genetically Studied Organisms, 742-745 (1987).

EXAMINER:	DATE CONSIDERED:

Form PTO-1449 (Modified)	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
INFORMATION DISCLOSURE STATEMENT	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

······································	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
	Koorneef, "The Use of Telotrisomics for Centromere Mapping in Arabidopsis thaliana (L.) Heynh.," Genetica 62: 33-40 (1983).
	Koster et al., "Sugars and Desiccation Tolerance in Seeds," Plant Physiol. 88: 829-832 (1988).
	Kotani et al., "Structural Analysis and Complete Physical Map of Arabidopsis thaliana Chromosome 5 Including Centromeric Telomeric Regions," DNA Research 6: 381-386 (1999).
·	Kuhn et al., "Clustered tRNA Genes in Schizosaccharomyces pombe Centromeric DNA Sequence Repeats," Proc. Nat. Acad. Sci. USA 88: 1306-1310 (1991).
	Kumekawa et al., "The Size and Sequence Organization of the Centromeric Region of Arabiodpsi. thaliana Chromosome 5," DNA Resources, 7: 315-21 (2000).
	Kurata et al.,, "Rice Genome Organization: The Centromere and Genome Interactions," Ann Bot 90: 427-35 (2002).
	Kyte et al., "A Simple Method for Displaying the Hydropathic Character of a Protein," J. Mol. Biol. 157: 105-132 (1982).
	Lakshmikumarin et al., "Isolation and Characterization of a Highly Repetitive DNA of Brassica campestris," Plant Molecular Biology 14: 447-448 (1990).
	Lawton et al., "Expression of a Soybean -conclycinin Gene under the Control of the Cauliflower Mosaic Virus 35S and 19S Promoters in Transformed Petunia Tissues," Plant Molecular Biology 9: 315-324 (1987).
	Lechner et al., "A 240 kd Multisubunit Protein Complex, CBF3, Is a Major Component of the Budding Yeast Centromere," Cell 64: 717-725 (1991).
	Lee et al., "Use of Cloned mtl Genes of Escherichia coli to Introduce mtl Deletion Mutations into the Chromosome," Journal of Bacteriology 153: 685-692 (1983).
	Levings III, "The Texas Cytoplasm of Maize: Cytoplasmic Male Sterility and Disease Susceptibility," <i>Science 250</i> : 942-947 (1990).
	Li et al., "Direct Electrophoretic Detection of the Allelic State of Single DNA Molecules in Human Sperm by Using the Polymerase Chain Reaction," Proc. Natl. Acad. Sci. USA 87: 4580-4584 (1990).
	Li et al., "CUE1: A Mesophyll Cell-Specific Positive Regulator of Light-Controlled Gene Expression in Arabidopsis," The Plant Cell 7: 1599-1610 (1995).
	Lieber et al., "Selection of Efficient Cleavage Sites in Target RNAs by Using a Ribozyme Expression Library," Molecular and Cellular Biology 15: 540-551 (1995).
	Lin et al., "Sequence and Analysis of Chromosome 2 of the Plant Arabidopsis thaliana," Nature 402: 761-768 (1999).
	Liu, Y.G., et al., "Complementation of Plant Mutants with Large Genomic DNA Fragments by a Transformation-Competent Artificial Chromosome Vector Accelerates Positional Cloning," Proc. Natl. Acad. Sci. USA 96: 6535-6540 (1999).
	Lohe et al., "Return of the H-word (heterochromatin)," Current Opinion in Genetics and Development 5: 746-755 (1995).
	Loomis et al., "Cyroprotective Capacity of End Products of Anaerobic Metabolism," <i>The Journal of Experimental Zoology 252</i> : 9-15 (1989).
	Lorz et al., "Gene Transfer to Cereal Cells Mediated by Protoplast Transformation," Mol. Gen. Genet. 199: 178-182 (1985).

	EXAMINER: DATE	E CONSIDERED:
--	----------------	---------------

		DIIDDI II OID
Form PTO-1449 (Modified)	Atty. Docket No.	Serial No.
	30844/30003A	10/590,546
INFORMATION DISCLOSURE STATEMENT	Applicant(s)	
	Zieler et al.	
	Filing Date	Art Unit
	July 13, 2007	1645

	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
	Louis, "Corrected Sequence for the Right Telomere of Saccharomyces cerevisiae Chromosome III," Yeast 10: 271-274 (1994).		
	Lu et al., "High Efficiency Retroviral Mediated Gene Transduction into Single Isolated Immature and Replatable CD34 ³⁺ Hemotopoietic Stem/Progenitor Cells from Human Umbilical Cord Blood," J. Ex. Med. 178: 2089-2096 (1993).		
	Maeser et al., "The Gin Recombinase of Phase Mu Can Catalyse Site-Specific Recombination in Plant Protoplasts," Mol. Gen. Genet 230: 170-176 (1991).		
	Mahtani et al., "Physical and Genetic Mapping of the Human X Chromosome Centromere: Repression of Recombination," Genome Research 8: 100-110 (1998).		
	Maloy, S.R., Experimental Techniques in Bacterial Genetics, Jones and Bartlett, Ann. N.Y. Acad. Sci. 646 (1991). Table of Contents only.		
·	Maluszynska et al., "Localization of Tandemly Repeated DNA Sequences in Arabidopsis thaliana," The Plant Journal 1: 159-166 (1991).		
	Maluszynska et al., "Molecular Cytogenetics of the Genus Arabidopsis: In situ Localization of rDNA Sites, Chromosome Numbers and Diversity in Centromeric Heterochromatin,: Annals of Botany 71: 479-484 (1993).		
	Marcotte et al., "Regulation of a Wheat Promoter by Abscisic Acid in Rice Protoplasts" Nature 335: 454 (1988).		
	Mariani et al., "Induction of Male Sterility in Plants by a Chimaeric Ribonuclease Gene," Nature 357: 737-741 (1990).		
	Marra et al., "A Map for Sequence Analysis of the Arabidopsis thaliana Genome," Nature Genetics 22: 265-270 (1999).		
	Martinex-Zapater et al., "A Highly Repeated DNA Sequence in Arabidopsis thaliana," Mol. Gen. Genet 204: 417-423 (1986).		
	Matsuura et al., "The sre Gene (ORF459) Encodes a Site-Specific Recombinase Responsible for Integration of the R4 Phage Genome," Journal of Baceteriology 178: 3374-3376 (1996).		
•	McCabe et al., "Stable Transformation of Soybean (Glycine Max) by Particle Acceleration," BioTechnology 6: 924-926 (1988).		
	Michel et al, "Modeling of the Three-dimensional Architecture of Group I Catalytic Introns Based on Comparative Sequence Analysis,: <i>J. Mol. Biol. 216</i> : 585-610 (1990).		
	Miller et al., "Retrotransposon-Related DNA Sequences in the Centromeres of Grass Chromosomes," Genetics 150: 1615-23 (1998).		
	Mortimer et al., "Genetic Mapping in Saccharomyces cerevisiae," Department of Biophysics and Medical Physics and Donner Laboratory, University of California at Berkeley: 11-26 (1981).		
	Mozo et al., "A Complete BAC-based Physical Map of the Arabidopsis thaliana Genome," Nature Genetics 22: 271-275 (1999).		
	Mozo et al., "Construction and Characterization of the IGF Arabidopsis BAC Library," Mol. Gen. Genet. 258: 562-570 (1998).		
	Mundy et al. "Abscisic Acid and Water-stress Induce the Expression of a Novel Rice Gene," The EMBO Journal 7: 2279-2286 (1988).		
	Murakami et al., "The Bialaphos Biosynthetic Genes of Streptomyces hygroscopicus: Molecular Cloning and Characterization of the Gene Cluster," Mol. Gen. Genet. 205: 42-50 (1986).		

EXAMINER:	DATE CONSIDERED:

Form PTO-1449 (Modified)	Atty. Docket No.	Serial No.
	30844/30003A	10/590,546
INFORMATION DISCLOSURE STATEMENT	Applicant(s)	
	Zieler et al.	
	Filing Date	Art Unit
	July 13, 2007	1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
Murata et al., "Physical Mapping of the 5S Ribosomal RNA Genes in Arabidopsis thaliana by Multi-Color Fluorescence in situ Hybridization with Cosmid Clones," The Plant Journal 12: 31-37 (1997).
Murata et al., "Centromeric Repetitive Sequences In Arabiidopsis thaliana," Jpn J Genet. 69: 361-370 (1994).
Murdock et al., "Biological Efects of Plant Lectins on the Cowpea Weevil," Phytochemistry 29: 85-89 (1990).
Murphy et al., "Localization of Centromere Function in a Drosophila Minichromosome," Cell 82: 599-609 (1995).
Murray et al., "Construction of Artificial Chromosomes in Yeast," Nature 305: 189-193(1983).
Mysore et al., "An Arabidopsis Histone H2A Mutant is Deficient in Agrobacterium T-DNA Integration," Proc. Natl. Acad, Sci USA 97: 948-953 (2000).
Mysore et al., "Arabidopsis Ecotypes and Mutants That Are Recalcritant to Agrobacterium Root Transformation Are Susceptible to Germ-line Transformation," The Plant Journal 21: 9-16 (2000).
Nagaki et al., "Molecular and Cytological Analysis of Large Tracks of Centrometic DNA Reveal the Structure and Evolutionary Dynamics of Maize Centromeres," Genetics 163: 759-70 (2003).
Nagaki et al., "Sequencing of a Rice Centromere Uncovers Active Genes", <i>Nature Genet. 36</i> : 138-145 (2004).
Nakamura et al., "Construction of an 800-KB Contig in the Near-Centromeric Region of the Rice Blast Resistance Gene Pi-ta2 Using a Highly Representative Rice BAC Library," Mol Gen Genet. 254: 611-620 (1997).
Napoli et al., "Introduction of a Chimeric Chalcone Synthase Gene into Petunia Results in Reversible Co-Suppression of Homologous Genes in trans," The Plant Cell 2: 279-298 (1990).
Negrutiu, et al. 'Plant Protoplasts as Genetic Tool: Selectable Markers for Developmental Studies," Int. J. Dev. Biol. 36: 73-84 (1992).
Nester et al., "Crown Gall: A Molecular and Physiological Analysis," Ann Rev. Plant Physiol 35: 387-413(1984).
Nicklas, "The Forces That Move Chromosomes in Mitosis," Ann. Rev. Biophys. Biophys. Chem. 17: 431-449 (1988).
Nonomura et al., "Organization Of The 1.9-KB Repeat Unit RCE1 in the Centromeric Region of Rice Chromosomes," Mol Gen Genet. 261: 1-10 (1999).
Nonomura, et al., "The Centromere Composition Of Multiple Repetitive Sequences on Rice," Chromosome 5, 110: 284-91 (2001).
Noutoshi et al., "Designing of Plant Artificial Chromosome (PAC) by Using the Chlorella Smallest Chromosome as a Model System," Nucleic Acids Symp. Ser. 37: 143-4 (1997).
Nussbaum et al., "Construction and Propagation of a Defective Simian Virus 40 Genome Bearing an Operator from Bacteriophage," Proc. Nat. Acad. Sci. USA 73: 1068-1072 (1976).
Odell et al., "Identification of DNA Sequences Required for Activity of the Cauliflower Mosaic Virus 35S Promoter," Nature 313: 810-812 (1985).
Ohmori et al., "Nucleotide Sequence of the Region Required for Maintenance of Colicin E1 Plasmid," Mol. Gen. Genet. 176: 161-170 (1979).

EXAMINER:	DATE CONSIDERED:

Form PTO-1449 (Modified)	Atty. Docket No.	Serial No.
	30844/30003A	10/590,546
INFORMATION DISCLOSURE STATEMENT	Applicant(s)	
	Zieler et al.	
	Filing Date	Art Unit
	July 13, 2007	1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
Omirulleh <i>et al.</i> , "Activity of a Chimeric Promoter with the Doubled CaMV 35S Enhancer Element in Protoplast-derived Cells and Transgenic Plants in Maize," <i>Plant Molecular Biology 21</i> : 415-428 (1993).
Ow et al., "Transient and Stable Expression of the Firefly Luciferase Gene in Plant Cells and Transgenic Plants," Science 234: 856-859 (1986).
Page et al., "Characterization of a Maize Chromosome 4 Centromeric Sequence: Evidence for an Evolutionary Relationship with the B Chromosome Centromere," Genetics 159: 291-301 (2001).
Palukaitis et al., "Characterization of a Viroid Associated with Avocado Sunblotch Disease," Virology 99: 145-151 (1979).
Peacock et al., "Highly Repeated DNA Sequence Limited to Knob Heterochromatin in Maize," Proc. Nat. Acad. Sci. USA 78: 4490-4494 (1981).
Pelissier et al., "DNA Regions Flanking the Major Arabidopsis thaliana Satellite Are Principally Enriched in Athila Retroelement Sequences," Genetica 97: 141-151 (1996).
Pelissier et al., "Athila, a New Retroelement from Arabidopsis thaliana.," Plant Mol. Biol. 29: 441-552 (1995).
Perkins, "The Detection of Linkage in Tetrad Analysis," Genetics 38: 187-197 (1953).
Perlak et al., "Modification of the Coding Sequence Enhances Plant Expression of Insect Control Protein Genes," <i>Proc. Natl. Acad. Sci USA</i> 88: 3324-3328 (1991).
Perriman et al., "Extended Target-Site Specificity for a Hammerhead Ribozyme," Gene 113: 157-163 (1992).
Peterson et al., "Production of Transgenic Mice with Yeast Artificial Chromosomes," TIG 13: 61-66 (1997).
Phi-Van et al., "The Chicken Lysozyme 5' Matrix Attachment Region Increases Transcription from a Heterologous Promoter in Heterologous Cells and Dampens Position Effects on the Expression of Transfected Genes," <i>Molecular and Cellular Biology</i> 10: 2302-2307 (1990).
Piatowski et al., "Characterization of Five Abscisic Acid-Responsive cDNA Clones Isolated from the Dessication-Tolerant Plant Craterostigma plantagineum and Their Relationship to Other Water-Stress Genes," Plant Physiol. 94: 1682-1688 (1990).
 Potrykus et al., "Direct Gene Transfer to Cells of a Graminaceous Monocot," Mol. Gen. Genet. 199: 183-188 (1985).
Prasher et al., "Cloning and Expression of the cDNA Coding for Aequorin, a Bioluminescent Calcium-binding Protein," Biochem Biophys. Res. Commun 126: 1259-1268 (1985).
Presting et al., "A Ty3/gypsy Retrotransposon-Like Sequence Localizes to the Centromeric Regions of Cereal Chromosomes," Plant J. 16: 721-8 (1998).
 Preuss et al., "Tetrad Analysis Possible in Arabidopsis with Mutation of the QUARTET (QRT) Genes," Science 264: 1458-1460 (1994).
Price et al., "Systematic Relationships of Arabidopsis: A Molecular and Morphological Perspective," in Somerville, C. and Meyerowitz, E. (eds.), Arabidopsis, Cold Spring Harbor Press, New York (1995) pp 7-19.
Prody et al.,"Autolytic Processing of Dimeric Plant Virus Satellite RNA," Science 231: 1577-80 (1986).
Puechberty, J., "Genetic and Physical Analyses of the Centromeric and Pericentromeric Regions of Human Chromosome 5: Recombination Across 5cen," <i>Genomics</i> 56: 274-87 (1999).
Rathore et al., "Use of bar as a Selectable Marker Gene and for the Production of Herbicide-Resistant Rice Plants from Protoplasts," Plant Molecular Biology 21: 871-884 (1993).

EXAMINER:	DATE CONSIDERED:

		OILDEI ZOOIZ
Form PTO-1449 (Modified)	Atty. Docket No.	Serial No.
	30844/30003A	10/590,546
INFORMATION DISCLOSURE STATEMENT	Applicant(s)	
	Zieler et al.	
	Filing Date	Art Unit
	July 13, 2007	1645

	Rattner et al., "The Structure of the Mammalian Centromere," BioEssays 13: 51-56 (1991).
	Ravatn et al., "Int-B13, An Unusual Site-Specific Recombinase of the Bacteriophage P4 Integrase Family, Is Responsible for Chromosomal Insertion of the 105-Kilobase clc Element of Pseudomonas sp. Strain B13," Journal of Bacteriology 180: 5505-5514.
	Reed et al., "Carbohydrate Accumulation and Osmotic Stress in Cyanobacteria," J. Gen. Microbiology 130: 1-4 (1984).
	Reichel et al., "Enhanced Green Fluorescence by the Expression of an Aequorea victoria Green Fluorescent Protein Mutant in Mono- and Dicotyledonous Plant Cells," Proc. Nat. Acad. Sci. USA 93: 5888-5893 (1996).
	Reinhold-Hurek et al., "Self-splicing Introns in tRNA Genes of Widely Divergent Bacteria," Nature 357: 173-176 (1990).
	Rensburg et al., "Proline Accumulation as Drought-tolerance Selection Criterion: Its Relationship to Membrane Integrity and Chloroplast Ultrastructure in Nicotiana tabacum L.," J. Plant Physiol. 141: 188-194 (1993).
	Richards et al., "The Centomere Region of Arabidopsis thaliana Chromosome 1 Contains Telomere-Similar Sequences," Nucleic Acids Research 19: 3351-3357 (1991).
	Richards et al., "Isolation of a Higher Eukaryotic Telomere from Arabidopsis thaliana," Cell 53: 127-136 (1988).
	Richards et al.," Plant Centromeres: Structure And Control," Curr Opin Plant Biol. 1: 130-135 (1998).
	Rieder, "The Formation, Structure, and Composition of the Mammalian Kinetochore and Kinetochore Fiber," New York State Department of Health, Division of Laboratories and Research Intl. Rev. Cytol. 79: 1-58 (1982)
	Rogers et al., "Improved Vectors for Plant Transformation: Expression Cassette Vectors and New Selectable Markers," Methods in Enzymology 153: 253-277.
	Rosenberg et al., ""RFLP Subtraction": A Method for Making Libraries of Polymorphic Markers," Proc. Natl. Acad. Sci. USA 91: 6113-6117 (1994).
-	Rosenfeld, "Human artificial chromosomes get real," Nature Genetics 15: 333-335 (1997).
	Round et al., "Arabidopsis thaliana Centromere Regions: Genetic Map Positions and Repetitive DNA Structure," Genome Research 7: 1045-1053 (1997).
	Sasnauskas et al., "Molecular Cloning and Analysis of Autonomous Replicating Sequence of Candida maltosa," Yeast 8: 253-259 (1992).
	Sauer, "Functional Expression of the cre-lox Site-Specific Recombination System in the Yeast Saccharomyces cerevisiae," Molecular and Cellular Biology 7: 2087-2096 (1987).
	Schmidt et al., "Analysis of Clones Carrying Repeated DNA Sequences in Two YAC Libraries of Arabidopsis thaliana DNA," The Plant Journal 5: 735-744 (1994).
	Schmidt et al., "Physical Map and Organization of Arabidopsis thaliana Chromosome 4," Science, 270: 480-483 (1995).
	Schwartz et al., "New Techniques for Purifying Large DNAs and Studying Their Properties and Packaging," Department of Human Genetics and Development, Columbia University: 189-195.
	Schweizer et al., "Species-specific DNA sequences for identification of somatic hybrids between Lycopersicon esculentim and Solanum acaule," Theor. Appl. Genet 75: 679-684 (1988).

EXAMINER:	DATE CONSIDERED:

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date	Art Unit
	July 13, 2007	1645

ОТ	HER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
	Sears et al., "Cytogenic Studies in Arabidopsis thaliana," Department of Genetics, University of Missouri, Can. J. Genet. Cytol. 12: 217-223 (1970)
	Shagan et al., "Nucleotide Sequence of an Arabidopsis thaliana Turgor-Responsive cDNA Clone Encoding TMP-A, a Transmembrane Protein Containing the Major Intrinsic Protein Motif," Plant Physiol. 101: 1397-1398 (1993).
	Sheen et al., "Green-flourescent Protein as a New Vital Marker in Plant Cells," The Plant Journal 8: 777-784 (1985).
	Simoens et a.l, "Characterization of Highly Repetitive Sequences of Arabidopsis thaliana," Nucleic Acids Research 16: 6753-6766 (1988).
	Singh et al., "Centromere Mapping and Orientation of the Molecular Linkage Mao of Rice (Oryza Sativa L.)," Proc Natl Acad Sci USA. 93: 6163-6168 (1996).
	Smith et al., "Expression of Truncated Tomato Polygalacturonase Gene Inhibits Expression of the Endogenous Gene in Transgenic Plants," Mol. Gen. Genet. 224: 447-481 (1990).
	Smithies et al., "Insertion of DNA Sequences into the Human Chromosomal - Globin Locus by Homologous Recombination," Nature 317: 230-234 (1985).
	Smyth, "New Arabidopsis Mutations that Result in All Four Products of Meiosis Being Held Together as a Tetrad of Fused Pollen Grains May Facilitate Genetic Mapping and Lead to New Insights into Pollen Biology," Current Biology 4: 851-853 (1994).
	Somerville et al., "Plant Functional Genomics," Science 285: 380-383 (1999).
	Spielmann et al., "T-DNA Structure in Transgenic Tobacco Plants with Multiple Independent Integration Sites," Mol. Gen. Genet. 205: 34-43 (1986).
	Stalker et al., "Herbicide Resistance in Transgenic Plants Expressing a Bacterial Detoxification Gene," Science 242: 419-423 (1988).
	Steifel et al., "Herbicide Resistance in Transgenic Plants Expressing a Bacterial Detoxification Gene,: Nature 341: 343 (1989).
	Stinchomb et al., "Isolation and Characterisation of a Yeast Chromosomal Replicator," Nature 282: 39-43 (1979).
	Stone et al., "LEAFY COTYLEDON2 Encodes a B3 Domain Transcription Factor that Induces Embryo Development," Proc. Natl. Acad. Sci. USA, 98:11806-11811 (2001).
	Stougaard, "Substrate-Dependent Negative Selection in Plants Using a Bacterial Cytosine Deaminase Gene," <i>The Plant Journal</i> 3: 755-761 (1993).
	Sullivan et al., "Isolation and Characterization of a Maize Chlorophyll a/b Binding protein Gene that Produces High Levels of mRNA in the Dark," Mol. Gen. Genet. 215: 431-440 (1980).
	Sun et al., "Human Artificial Episomal Chromosomes for Cloning Large DNA Fragments in Human Cells," Nature Genetics 8: 33-41 (1994).
	Sun et al., "Molecular Structure of a Functional Drosophila Centromere," Cell 91: 1007-1019 (1997).
	Sutcliffe, "Nucleotide Sequence of the Ampicillin Resistance Gene of Escherichia coli Plasmid pBR322," Proc. Natl Acad. Sci USA 75: 3737-3741 (1978).
	Symington et al., "Meiotic Recombination Within the Centromere of a Yeast Chromosome," Cell 52: 237-240 (1988).
	Symons, "Avocado Sunblotch Viroid: Primary Sequence and Proposed Secondary Structure," Nucleic Acids Research 9: 6527-6537 (1981).
	

EXAMINER:	DATE CONSIDERED:		

		DITED TO UE
Form PTO-1449 (Modified)	Atty. Docket No.	Serial No.
	30844/30003A	10/590,546
INFORMATION DISCLOSURE STATEME	Applicant(s) Zieler et al.	
	Filing Date	Art Unit
	July 13, 2007	1645

· · · · · · · · · · · · · · · · · · ·	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Symons, "Small Catalytic RNAs," Annu. Rev. Biochem 61: 641-671 (1992).
	Tarczynski et al., "Expression of a Bacerial mtlD Gene in Transgenic Tobacco Leads to Production and Accumulation of Mannitol," Proc. Nat. Acad. Sci. USA 89: 2600-2604 (1992).
	Tarczynski et al., "Stress Protection of Transgenic Tobacco by Production of the Osmolyte Mannitol," Science 259: 508-510 (1993).
	Tavoletti et al., "Half Tetrad Analysis in Alfalfa Using Multiple Restriction Fragment Length Polymorphism Markers," Proc. Natl. Acad. Sci. Online 93: 10918-10922 (1996).
	Thillet et al., "Site-directed Mutagenesis of Mouse Dihydrofolate Reductase. Mutants with Increased Resistance to Methotrexate and Trimethoprim," J. Biol. Chem 263: 12500-12508 (1988)
	Thomas et al., "High-Frequency Targeting of Genes to Specific Sites in the Mammalian Genome, Cell 44: 419-428 (1986).
	Thomas et al., "Viable Molecular Hybrids of Bacteriophage Lambda and Eukaryotic DNA," Proc. Nat. Acad. Sci. USA 71: 4579 (1974).
	Thompson et al., "Identification and Distribution of Seven Classes of Middle-Repetitive DNA in the Arabidopsis thaliana Genome," Nucleic Acids Research 24: 3017-3022 (1996).
	Thompson et al., "Decreased Expression of BRCA1 Accelerates Growth and Is Often Present During Sporadic Breast Cancer Progression," Nature Genet. 9: 444-450 (1995).
	Thompson et al., "A Novel Repetitive Sequence Associated with the Centrometric Regions of Arabidopsis thaliana Chromosomes," Mol Gen Genet 253: 247-252, (1996).
	Tian et al., "Expression of the Green Fluorescent Protein Gene in Conifer Tissues," Plant Cell Reports 16: 267-271 (1997).
	Tominaga, "The Site-specific Recombinase Encoded by pinD in <i>Shigella dysenteriae</i> is due to the presence of a defective Mu prophase," <i>Microbiol. 143</i> : 2057-2063 (1997).
	Toriyama et al., "Haploid and Diploid Plant Regeneration from Protoplasts of Another Callus in Rice," Theor Appl. Genet. 73: 16-19 (1986).
	Tsay et al., "Identification of a Mobile Endogenous Transposon in Arabidopsis thaliana," Science 260: 342-344 (1993).
	Tugal et al., "Arabidopsis 22-Kilodalton Peroxisomal Membrane Protein, Nucleotide Sequence Analysis and Biochemical Characterization," Plant Physiology 120: 309-320 (1999).
	Twell et al., "Promoter Analysis of Genes that Are Coordinately Expressed During Pollen-Specific Enhancer Sequences and Shared Regulatory Elements," Genes Dev. 5: 496-507 (1991).
	Twell et al., "Transient Expression of Chimeric Genes Delivered Pollen by Microprojectile Bombardment," Plant Physiol. 91: 1270-1274 (1989).
	Tyler-Smith et al., "Localization of DNA Sequences Required for Human Centromere Function Through an Analysis of Rearranged Y Chromosomes," Nature Genetics 5: 368-375 (1993).
	Tyler-Smith et al., "Mammalian Chromosome Structure," Current Opin. Genetic Dev. 3: 390-39 (1993).
	Uchimiya et al., "Expression of a Foreign Gene in Callus Derived from DNA-treated Protoplasts of Rice," <i>Mol. Gen. Genet. 204</i> : 204 (1986).
	Vahedian et al., "Genomic Organization and Evolution of the Soybean SB92 Satellite Sequence," Plant Molecular Biology 29: 857-862 (1995).

EXAMINER:	DATE CONSIDERED:

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
·	Valvekens et al., "Agrobacterium tumefaciens-Mediated Transformation of Arabidopsis thaliana Root Explants by Using Kanamycin Selection," Proc. Natl. Acad. Sci. USA 85: 5536-5540 (1988)
	Van der Krol et al., "Flavonoid Genes in Petunia: Addition of a Limited Number of Gene Copies May Lead to a Suppression of Gene Expression," Plant Cell 2: 291-299 (1990).
	Van't Hof et al., "The Size and Number of Replicon Families of Chromosomal DNA of Arabidopsis thaliana," Chromosoma 68: 269-285 (1978).
	Vasil et al., "Herbicide Resistant Fertile Transgenic Wheat Plants Obtained by Microprojectile Bombardment of Regenerable Embryogenic Callus," BioTechnology 10: 667-674 (1992).
	Vasil, "Progress in the Regeneration and Genetic Manipulation of Cereal Crops," <i>BioTechnology</i> 6: 397-402 (1988).
	Vernon et al., "A Novel Methyl Transferase Induced by Osmotic Stress in the Faculative Halophyte Mesembryanthemum crystallinum," The EMBO Journal 11: 2077-2085 (1992).
	Voytas et al., "A Copia-Like Transposable Element Family in Arabidopsis thaliana," Nature 336 242-244 (1988).
	Wagner et al., "Coupling of Adenovirus to Transferrin-Polylysine/DNA Complexes Greatly Enhances Receptor-Mediated Gene Delivery and Expression of Transfected Genes," Proc. Natl. Acad. Sci. USA, 89: 6099-6103(1992).
	Walker et al., "DNA Sequences Required for Anaerobic Expression of the Maize Alcohol Dehydrogenase 1 Gene," Proc. Nat. Acad. Sci. USA 84: 6624-6628 (1987).
	Wang et al., "Characterization of cis-Acting Elements Regulating Transcription from the Promote of a Constitutively Active Rice Actin Gene," Molecular and Cellular Biology: 3399-3406 (1992).
	Weide et al., "Paracentromeric Sequences on Tomato Chromosome 6 Show Homology to Human Satellite III and to the Mammalian CENP-B Binding Box," Mol. Gen. Genet. 259: 190-197 (1998)
	Wensink et al., "A System for Mapping DNA Sequences in the Chromosomes of Drosophila melanogaster: , Cell 3: 315-325 (1974).
	Wevrick et al. "Partial Deletion of Alpha Satellite DNA Associated with Reduced Amounts of the Centromere Protein CENP-B in a Mitotically Stable Human Chromosome Rearrangement," Molecular and Cellular Biology 102: 6374-6380 (1990).
	Whitehouse et al., "Mapping Chromosome Centromeres by the Analysis of Unordered Tetrads," Nature 4205: 893 (1950).
	Wigler et al., "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells," Cell 11: 223-232 (1977).
	Willard, "Centromeres of mammalian chromosomes," TIG 6(12): 410-416 (1990).
	Willard, "Centromeres: The Missing Link in the Development of Human Artificial Chromosomes," Genetics & Development 8: 219-225 (1998).
	Wolter et al., "Chilling Sensitivity of Arabidopsis thaliana with Genetically Engineered Membran Lipids," The EMBO Journal 11: 4685-4692 (1992).
	Wong et al., "Electric Field Mediated Gene Transfer," Biochim. Biophys. Res. Commun. 107: 584 587 (1982).
	Wright et al., "Multiple Non-LTR Retrotransposons in the Genome of Arabidopsis thaliana," Genetics 142: 569-578 (1996).
	Wu et al., "Composition and Structure of the Centromeric Region of Rice Chromosome 8," Plant Cell 16: 967-76 (2004).

EXAMINER:	DATE CONSIDERED:

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

(OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
	Xia et al., "Genomic Organization of the canrep Repetitive DNA in Brassica juncea," Plant Molecular Biology 26: 817-832 (1994).
	Xia et al., Structure and Evolution of a Highly Repetitive DNA Sequence from Brassica napus, Plant Molecular Biology 21: 213-224 (1993).
	Xiang, et al. "The Anti-nptlI Gene," Plant Physiol. 102: 287-293 (1993).
	Xu et al., "Expression of a Late Embryogenesis Abundant Protein Gene, HVA1, from Barley Confers Tolerance to Water Deficit and Salt Stress in Transgenic Rice," Plant Physiol. 110: 249-257 (1996).
	Yamada et al., "Plant Regeneration from Protoplast-derived Callus of Rice," Plant Cell Rep. 4: 85 (1986).
	Yamaguchi-Shinozaki et al., "Molecular Cloning and Characterization of 9 cDNAs for Genes that Are Responsive to a Desiccation in Arabidopsis thaliana: Sequence Analysis of One cDNA Clone that Encodes a Putative Transmembrane Channel Protein," Plant Cell Physiol. 33: 217-224 (1992).
	Yang et al., "Maize Sucrose Synthase-1 Promoter Directs Phloem Cell-specific Expression of Gus Gene in Transgenic Tobacco Plants," Proc. Natl. Acad. Sci. USA 87: 4144-4148 (1990).
	Yen et al., "CENP-E, a Novel Human Centomere-Associated Protein Required for Progression from Metaphase to Anaphase," The EMBO Journal 10: 1245-1254 (1991).
	Young et al., "Organization of Coding Sequences in Drosophila melanogaster," J. Supramolecular Struct., S1: 211 (1977).
	Young èt al., Eukaryotic Genetic Systems ICNUCLA Symposia on Molecular and Cellular Biology VII: 315-331 (1977).
	Yuan et al., "Selection of Guide Sequences That Direct Efficient Cleavage of mRNA by Human Ribonuclease P," Science 263: 1269-1273 (1994).
	Yuan et al., "Targeted cleavage of mRNA by human RNase P," Proc. Natl. Acad. Sci. USA 89: 8006-8010 (1992).
	Zatloukal et al., "Transferinfection: A Highly Efficient Way to Express Gene Constructs in Eukaryotic Cells," Ann. N.Y. Acad. Sci. 660: 136-153.
	Zentgraf, "Telomere-binding Proteins of Arabidopsis thaliana," Plant Molecular Biology 27: 467-475 (1995).
	Zhang et al., "Molecular Cloning, Nucleotide Sequence, and Function of a Site-Specific Recombinase Encoded in the Major 'Pathogenicity Island' of Salmonella typhi," Gene 202: 139-146 (1997).
	Zhang et al., "Zea mays B Chromosome Centromere Repeat Sequence Zea_mays_MBsC216 pMBsC216," (unpublished).
	Zukowski et al., "Chromogenic Identification of Genetic Regulatory Signals in Bacillus subtilis Based on Expression of a Cloned Pseudomonas Gene," Proc. Natl. Acad. Sci., USA 80: 1101-1105 (1983).
	Zuo et al., "The WUSCHEL Gene Promotes Vegetative-to-Embryonic Transition in Arabidopsis," Plant J., 30:349-359 (2002).

EXAMINER:	DATE CONSIDERED: